

Operational Benefits & Capabilities

Increases flight efficiency and reduced emissions through:

- Oceanic In-Trail Climb and Descent Upgrades
- Domestic flight deck based spacing and merging
- Expanded use of Optimized Profile Descent
- Flexible Entry Times for Oceanic Tracks
- Improved use of Closely Spaced Parallel Runways

- Increased capacity and flight efficiency through the :
 - Extension of the 3 Mile Separation Standard
 - Automation Assisted Trajectory Negotiation & Conflict Resolution
 - Linking of Arrival, Departure and Surface Flow Management
- Increased Capacity by Providing "radar services" with ADS-B at Secondary Airports
 - Maintain Enroute Capacity in Convective Weather
 - Dynamic Airspace Management
- Enhanced Mapping and Forecasts Using Aircraft Provided Turbulence and Icing Data

2018 - 2025



Aircraft

Air-Ground

Automation

Weather

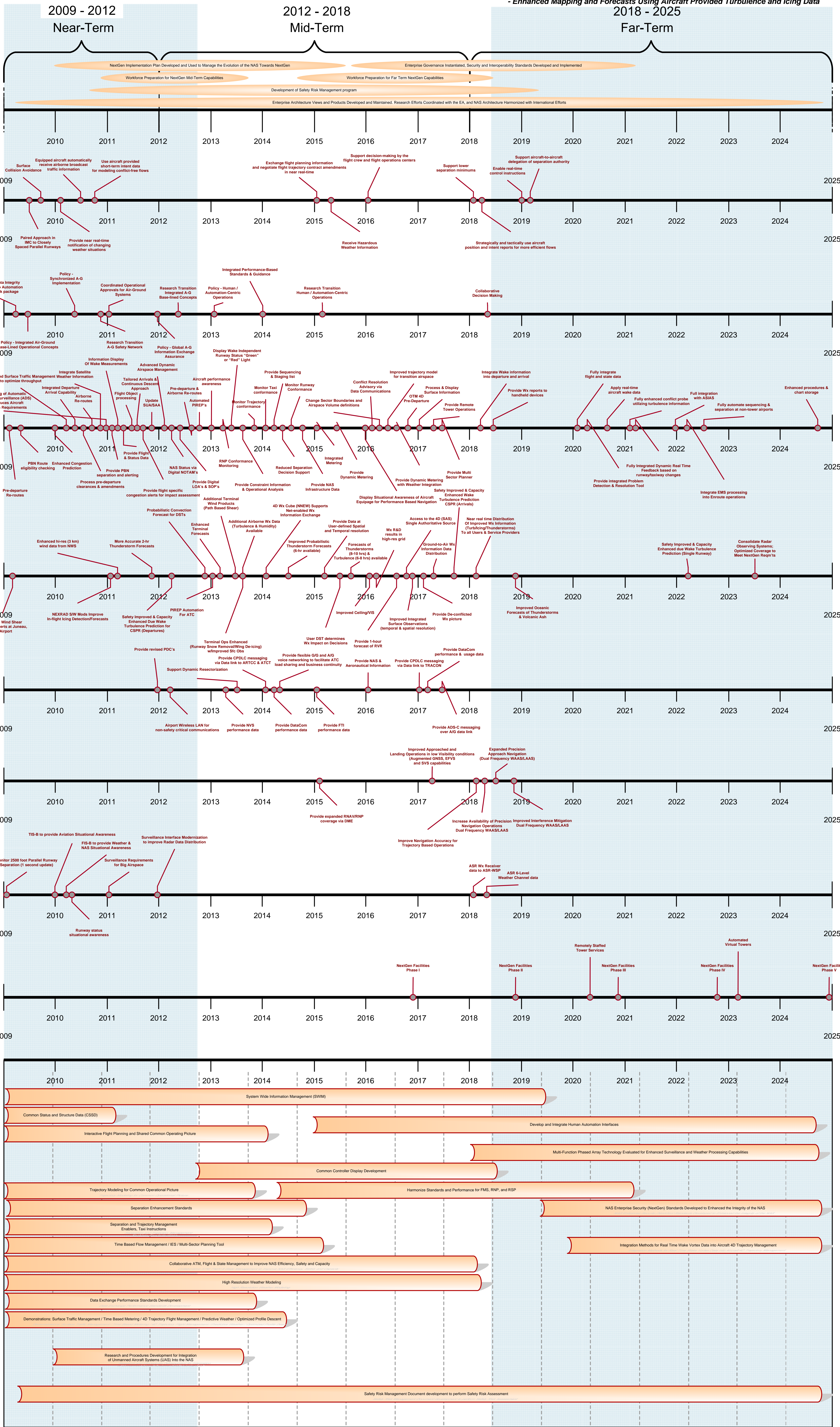
Communications & Net-Centric Enterprise Services

Navigation

Surveillance

Facilities

Key Supporting Activities (research, demonstrations, and standards development)



Note: Milestones depict earliest possible IOC